

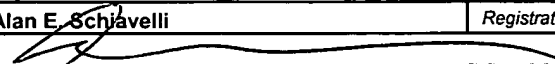
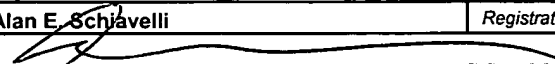
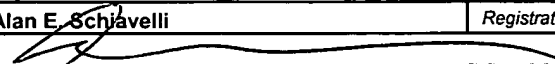
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22783 U.S. PTO

PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;"><i>Attorney Docket No.</i></td><td><b>500.43682X00</b></td></tr><tr><td><i>First Inventor</i></td><td><b>OGINO, MASAHIKO</b></td></tr><tr><td><i>Title</i></td><td><b>NANOPRINT EQUIPMENT AND METHOD OF MAKING FINE STRUCTURE</b></td></tr><tr><td><i>Express Mail Label No.</i></td><td></td></tr></table>	<i>Attorney Docket No.</i>	<b>500.43682X00</b>	<i>First Inventor</i>	<b>OGINO, MASAHIKO</b>	<i>Title</i>	<b>NANOPRINT EQUIPMENT AND METHOD OF MAKING FINE STRUCTURE</b>	<i>Express Mail Label No.</i>																										
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<b>APPLICATION ELEMENTS</b> <i>SEE MPEP chapter 600 concerning utility patent application contents.</i>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450																																	
<table border="0" style="width: 100%;"><tr><td style="vertical-align: top; width: 50%;"><p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p><p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p><p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages: <b>34</b>]</span> <i>(preferred arrangement set forth below)</i></p><ul style="list-style-type: none"><li>-Descriptive title of the invention</li><li>-Cross Reference to Related Applications</li><li>-Statement Regarding Fed sponsored R &amp; D</li><li>-Reference to sequence listing, a table, or a computer program listing appendix</li><li>-Background of the Invention</li><li>-Brief Summary of the Invention</li><li>-Brief Description of the Drawings <i>(if filed)</i></li><li>-Detailed Description</li><li>-Claim(s)</li><li>-Abstract of the Disclosure</li></ul><p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets: <b>11</b>]</span></p><p>5. Oath or Declaration <span style="float: right;">[Total Sheets: <b>4</b>]</span></p><p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p><p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i></p><p style="margin-left: 20px;">i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p><p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p></td><td style="vertical-align: top; width: 50%;"><p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p><p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p><p style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</p><p style="margin-left: 20px;">b. Specification Sequence Listing on:</p><p style="margin-left: 40px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p><p style="margin-left: 40px;">ii. <input type="checkbox"/> paper</p><p style="margin-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</p></td></tr></table>			<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages: <b>34</b>]</span> <i>(preferred arrangement set forth below)</i></p> <ul style="list-style-type: none"><li>-Descriptive title of the invention</li><li>-Cross Reference to Related Applications</li><li>-Statement Regarding Fed sponsored R &amp; D</li><li>-Reference to sequence listing, a table, or a computer program listing appendix</li><li>-Background of the Invention</li><li>-Brief Summary of the Invention</li><li>-Brief Description of the Drawings <i>(if filed)</i></li><li>-Detailed Description</li><li>-Claim(s)</li><li>-Abstract of the Disclosure</li></ul> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets: <b>11</b>]</span></p> <p>5. Oath or Declaration <span style="float: right;">[Total Sheets: <b>4</b>]</span></p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i></p> <p style="margin-left: 20px;">i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <p style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p style="margin-left: 20px;">b. Specification Sequence Listing on:</p> <p style="margin-left: 40px;">i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p style="margin-left: 40px;">ii. <input type="checkbox"/> paper</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</p>																															
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<p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p style="text-align: center;"><input type="checkbox"/> Continuation    <input type="checkbox"/> Divisional    <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.:</p> <p>Prior application information:    Examiner: _____    Art Unit: _____</p> <p><b>For CONTINUATION OR DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																																			
<b>19. CORRESPONDENCE ADDRESS</b>																																			
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 60%;"><input checked="" type="checkbox"/> Customer Number</td><td style="width: 20%; text-align: center;"><b>020457</b></td><td style="width: 20%; text-align: center;">OR <input type="checkbox"/> Correspondence address below</td></tr><tr><td colspan="3"><i>Name</i></td></tr><tr><td colspan="3"><b>ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</b></td></tr><tr><td colspan="3"><i>Address</i></td></tr><tr><td><i>City</i></td><td><i>State</i></td><td><i>Zip Code</i></td></tr><tr><td><i>Country</i></td><td><i>Telephone</i></td><td><i>Fax</i></td></tr><tr><td></td><td><b>(703) 312-6600</b></td><td><b>(703) 312-6666</b></td></tr><tr><td colspan="2"><i>Name (Print/Type)</i></td><td><i>Registration No. (Attorney/Agent)</i></td></tr><tr><td colspan="2"><b>Alan E. Schiavelli</b></td><td><b>32,087</b></td></tr><tr><td colspan="2"><i>Signature</i></td><td><i>Date</i></td></tr><tr><td colspan="2"></td><td><b>March 19, 2004</b></td></tr></table>			<input checked="" type="checkbox"/> Customer Number	<b>020457</b>	OR <input type="checkbox"/> Correspondence address below	<i>Name</i>			<b>ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP</b>			<i>Address</i>			<i>City</i>	<i>State</i>	<i>Zip Code</i>	<i>Country</i>	<i>Telephone</i>	<i>Fax</i>		<b>(703) 312-6600</b>	<b>(703) 312-6666</b>	<i>Name (Print/Type)</i>		<i>Registration No. (Attorney/Agent)</i>	<b>Alan E. Schiavelli</b>		<b>32,087</b>	<i>Signature</i>		<i>Date</i>			<b>March 19, 2004</b>
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17858 U.S. PTO  
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**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 810.00**Complete if Known**

Application Number \_\_\_\_\_  
 Filing Date **March 19, 2004**  
 First Named Inventor **OGINO, MASAHIKO**  
 Examiner Name \_\_\_\_\_  
 Art Unit \_\_\_\_\_  
 Attorney Docket No. **500.43682X00**

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☒ Credit Card ☐ Money ☐ Other ☐ None  
 Order
☒ Deposit Account:
 Deposit  
 Account  
 Number  
 Deposit  
 Account  
 Name

01-2135

Antonelli, Terry, Stout &amp; Kraus, LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) during the pendency of this application.☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>770.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

	Extra Claims	Fee from below	Fee Paid
Total Claims 7	-20** = 0	x 18	= 0
Indep. Claims 2	-3** = 0	x 86	= 0
Multiple Dependent		290	= 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b> \$0.00		

\*\*or number previously paid, if greater; For Reissues, see above.

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description
1051 130		2051 65		Surcharge - late filing fee or oath
1052 50		2052 25		Surcharge - late provisional filing fee or cover sheet
1053 130		1053 130		Non-English specification
1812 2,520		1812 2,520		For filing a request for <i>ex parte</i> reexamination
1804 920*		1804 920*		Requesting publication of SIR prior to Examination action
1805 1,840*		1805 1,840*		Requesting publication of SIR after Examiner action
1251 110		2251 55		Extension for reply within first month
1252 420		2252 210		Extension for reply within second month
1253 950		2253 475		Extension for reply within third month
1254 1,480		2254 740		Extension for reply within fourth month
1255 2,010		2255 1,005		Extension for reply within fifth month
1401 330		2401 165		Notice of Appeal
1402 330		2402 165		Filing a brief in support of an appeal
1403 290		2403 145		Request for oral hearing
1451 1,510		1451 1,510		Petition to institute a public use proceeding
1452 110		2452 55		Petition to revive - unavoidable
1453 1,330		2453 665		Petition to revive - unintentional
1501 1,330		2501 665		Utility issue fee (or reissue)
1502 480		2502 240		Design issue fee
1503 640		2503 320		Plant issue fee
1406 130		1460 130		Petitions to the Commissioner
1807 50		1807 50		Processing fee under 37 CFR 1.17(q)
1806 180		1806 180		Submission of Information Disclosure Stmt
8021 40		8021 40		Recording each patent assignment per property (times number of properties)
1809 770		2809 385		Filing a submission after final rejection (37 CFR § 1.129(a))
1810 770		2810 385		For each additional invention to be examined (37 CFR § 1.129(b))
1801 770		2801 385		Request for Continued Examination (RCE)
1802 900		1802 900		Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)**

40.00

**SUBMITTED BY****Complete (if applicable)**

Name (Print/Type) **Alan E. Schiavelli** Registration No. (Attorney/Agent) **32,087** Telephone **703-312-6600**  
 Signature \_\_\_\_\_ Date **03/19/2004**

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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